

ATHOL
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	7.78	15	193 #+	Male	4.32	3	NC*
Female	3.19	4	NC*	Female	3.52	8	227
Total	10.97	19	173 #+	Total	7.83	11	140
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	2.34	3	NC*	Male	1.40	1	NC*
Female	2.13	2	NC*	Female	1.40	4	NC*
Total	4.46	5	112	Total	2.80	5	179
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.49	0	NC*	Male	5.82	6	103
Female	45.54	42	92	Female	5.65	2	NC*
Total	46.03	42	91	Total	11.47	8	70
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	2.73	4	NC*	Male	4.64	6	129
				Female	2.46	4	NC*
				Total	7.10	10	141
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	19.41	17	88	Female	5.40	5	93
Female	20.74	23	111				
Total	40.15	40	100				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	2.65	2	NC*	Male	2.84	1	NC*
Female	1.06	0	NC*	Female	3.35	0	NC*
Total	3.71	2	NC*	Total	6.19	1	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	1.10	1	NC*	Male	45.11	36	80
Female	0.88	1	NC*				
Total	1.98	2	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	4.18	3	NC*	Male	3.31	3	NC*
Female	2.72	4	NC*	Female	2.24	3	NC*
Total	6.90	7	101	Total	5.56	6	108
<u>Larynx</u>				<u>Testis</u>			
Male	2.49	6	241	Male	1.50	1	NC*

Female	0.72	0	NC*				
Total	3.21	6	187				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	3.24	5	154	Male	0.81	4	NC*
Female	2.61	2	NC*	Female	2.17	0	NC*
Total	5.86	7	120	Total	2.98	4	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	1.45	3	NC*				
Female	0.68	1	NC*	Female	8.77	6	68
Total	2.14	4	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	23.68	32	135	Male	148.94	160	107
Female	19.07	26	136	Female	148.41	152	102
Total	42.75	58	136 #+	Total	297.35	312	105

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels